a	Conly for n See MPEP c. Fee Tra (Submit Applica See 37 Specific (preferre - Descri - Cross - Statem - Refere or a co - Backg - Brief D - Detaille - Claim( - Abstra	U ATENT TRAN aw nonprovisional wave nonprovisional average of the mage of the second d arrangement so bive tille of the link event Regarding F nace to sequence much regarding F nace to sequence much regarding F nace to sequence ummary of the Inve- ummary of the Inve- ummary of the Inve- so to of the Disclosu	TILITY APPLICA NSMITTA al applications under TION ELEME eming utility patent (e.g., PTO/SB/1 a duplicate for fee p Il entity status. [Total Page set forth below) nvention lated Applications ed sponsored R & elisting, a table, listing appendix ention nvention Drawings (if filed)	L er 37 CFR 1.53(b)) NTS application contents. 7) processing) ps1	d to respond to a Attorne First In Title Expres ADDF 7.	S. Patent and Trade collection of inform by Docket No. ventor s Mail Label No. RESS TO: CD-ROM or CI Computer Prog ucleotide and/or A applicable, all nec Specifica i. CD	Alion unless it PC888.00 Lukas Eise ARTICULA ANTERIOF EV 333437 Mail Stop P. Commissio P.O. Box 14 Alexandria D-R in duplica gram (Appendention)	J.S. DEPA displays a displays a / 31132.1 ermann R DISC F R-OBLIQU 7097 US atent Appli ner for Pati 50 VA 22313- ate, large dix) eequence form (CRI ce Listing	PROS UE INS lication tents -1450 e table o Submi	THESIS FC	51-0032 MERCE number.	
2. [ 3. [ 4. [ 5. C a	Conly for n See MPEP c. Fee Tra (Submit Applica See 37 Specific (preferre - Descri - Cross - Statem - Refere or a co - Backg - Brief D - Detaille - Claim( - Abstra	U ATENT TRAN aw nonprovisional wave nonprovisional average of the mage of the second d arrangement so bive tille of the link event Regarding F nace to sequence much regarding F nace to sequence much regarding F nace to sequence ummary of the Inve- ummary of the Inve- ummary of the Inve- so to of the Disclosu	TILITY APPLICA NSMITTA al applications under TION ELEME eming utility patent (e.g., PTO/SB/1 a duplicate for fee p Il entity status. [Total Page set forth below) nvention lated Applications ed sponsored R & elisting, a table, listing appendix ention nvention Drawings (if filed)	TION L er 37 CFR 1.53(b)) NTS application contents. 7) processing) ps1	Attorne First In Title Expres ADDF 7 8. Ni (if a.	y Docket No. ventor s Mail Label No. RESS TO: CD-ROM or CL Computer Prog ucleotide and/or A applicable, all nec Computer Specifica i. CD	PC888.00 Lukas Eise ARTICULA ANTERIOF EV 333437 Mail Stop P Commissio P.O. Box 14 Alexandria D-R in duplic: gram (Append Amino Acid S cessary) r Readable F tion Sequend	/ 31132.1 ermann IR DISC F R-OBLIQU 7097 US atent Appliner for Path 50 VA 22313- ate, large <i>dix)</i> iequence form (CRI ce Listing	PROS UE INS Lication tents -1450 e table s Submi	THESIS FC SERTION	OR	
2. [ 3. [ 4. [ 5. C a	(Only for n See MPEP ci (Submit Applica See 37 Specific (preferm - Descri - Cross - Statem - Refere or a co - Backg - Brief D - Detail ( - Abstra	ATENT TRAN aw nonprovisional aw nonprovisional mapter 600 concer- ant claims small cfm 1.27. ation d arrangement so bive tille of the till reference to Re- tent Regarding F nee to sequence multer program ound of the Inve ummary of the Inve ummary of the Inve social concertso to the Disclose	APPLICA NSMITTA al applications under FION ELEME eming utility patent (e.g., PTO/SB/1 a duplicate for fee p Il entity status. [Total Page set forth below] nvention lated Applications ed sponsred R & elisting, a table, listing appendix ention Drawings (if filed)	L er 37 CFR 1.53(b)) NTS application contents. 7) processing) ps1	Title Expres ADDF 7. 8. Ni (if a.	s Mail Label No. RESS TO: CD-ROM or CL Computer Prog ucleotide and/or A applicable, all neo Computer Specifica i. CD	ARTICULA ANTERIOF EV 333437 Mail Stop P. Commissio P.O. Box 14 Alexandria D-R in duplic: gram (Append Amino Acid S cessary) r Readable F tion Sequend	R DISC F R-OBLIQU 7097 US atent Appliner for Patu 50 VA 22313- ate, large <i>dix</i> ) eequence form (CRI ce Listing	UE INS lication tents -1450 e table ( s Submi (F)	or		
2. [ 3. [ 4. [ 5. C a	(Only for n See MPEP ci (Submit Applica See 37 Specific (preferm - Descri - Cross - Statem - Refere or a co - Backg - Brief D - Detail ( - Abstra	TRAN aw nonprovisions approvement approvement approvement and claims small and claims small and claims small and claims small and claims small cFR 1.27. tation d arrangement s buive title of the tim Reference to Re- tenent Regarding F nee to sequence multer program ound of the Inve- ummary of the In- escription of the d Description s) ct of the Disclosu	NSMITTA al applications under TION ELEME eming utility patent of (e.g., PTO/SB/1 a duplicate for fee p II entity status. [Total Page set forth below) nivention lated Applications eed sponsored R & listing appendix intion Drawings (if filed)	L er 37 CFR 1.53(b)) NTS application contents. 7) processing) ps1	Title Expres ADDF 7. 8. Ni (if a.	s Mail Label No. RESS TO: CD-ROM or CL Computer Prog ucleotide and/or A applicable, all neo Computer Specifica i. CD	ANTERIOF EV 333437 Mail Stop P. Commission P.O. Box 14 Alexandria D-R in duplica fram (Append Amino Acid S cessary) r Readable F tion Sequend	R-OBLIQU 7097 US atent Appliner for Patristo VA 22313- ate, large <i>dix)</i> sequence form (CRI ce Listing	UE INS lication tents -1450 e table ( s Submi (F)	or		
2. [ 3. [ 4. [ 5. C a	See MPEP c. Fee Tra (Submit Applica See 37 Specific (preferm - Descri - Cross - Statem - Refere or a co - Backg - Brief D - Detaille - Claim( - Detaille - Claim( - Coss - Statem - Refere - Descri - Cross - Statem - Refere - Detaille - Claim( - Abstra	APPLICAT hapter 600 conce masmittal Form an original and a nt claims smal CFR 1.27. cation d arangement s otive title of the in Reference to Re nent Regarding F nce to sequence mputer program round of the Inve ummary of the Inve ummary of the Inve corption of the d Description s) ct of the Disclosu	al applications under <b>TION ELEME</b> erring utility patent (e.g., PTO/SB/1 a duplicate for fee p II entity status. [Total Page set forth below) nvention lated Applications ed sponsored R & listing appendix ention nvention Drawings (if filed)	er 37 CFR 1.53(b)) NTS application contents. 7) processing) 25 51 ]	Expres ADDF 7. 8. Ni (if a.	CD-ROM or CI Computer Prog Joleotide and/or A applicable, all neo Computer Specifica i. CD	EV 333437 Mail Stop P. Commissio P.O. Box 14 Alexandria D-R in duplic: gram (Append Amino Acid S cessary) r Readable F tion Sequend	2097 US atent Appli ner for Pate 50 VA 22313- dix) equence Form (CRI ce Listing	lication tents -1450 e table ( Submi (F)	or	S PTO	
2. [ 3. [ 4. [ 5. C a	See MPEP c. Fee Tra (Submit Applica See 37 Specific (preferm - Descri - Cross - Statem - Refere or a co - Backg - Brief D - Detaille - Claim( - Detaille - Claim( - Coss - Statem - Refere - Descri - Cross - Statem - Refere - Detaille - Claim( - Abstra	APPLICAT hapter 600 conce ansmittal Form an original and a nt claims smal d arangement s bive tille of the cFR 1.27. cation d arangement s bive tille of the net Regarding F nce to sequence mputer program ound of the Inve ummary of the In escription of the d Description s) ct of the Disclosu	TION ELEME eming utility patent (e.g., PTO/SB/1 a duplicate for fee p II entity status. [Total Page set forth below) nvention lated Applications ed sponsored R & elisting, a table, listing appendix ention nvention Drawings (if filed)	NTS application contents. 7) processing) ps1	7	CD-ROM or CI Computer Prog Joleotide and/or A applicable, all neo Computer Specifica i. CD	Mail Stop P. Commission P.O. Box 14 Alexandria 1 D-R in duplica gram (Appent Amino Acid S cessary) r Readable F tion Sequend	atent Appli ner for Pate 50 VA 22313- ate, large <i>dix)</i> equence Form (CRI ce Listing	tents -1450 e table d Submi F)		57 57	
2. [ 3. [ 4. [ 5. C a	<ul> <li>Fee Tra (Submit</li> <li>Applica</li> <li>Specific</li> <li>(prefere</li> <li>Cross</li> <li>Statem</li> <li>Refere</li> <li>or a co</li> <li>Backg</li> <li>Brief S</li> <li>Brief S</li> <li>Brief S</li> <li>Claim(</li> <li>Abstra</li> </ul>	hapter 600 conce ansmittal Form an original and a nt claims smal cFR 1.27. cation d arangement s obtive title of the it Reference to Re rent Regarding F mote to sequence mputer program ound of the Inve ummary of the In escription of the d Description s) ct of the Disclosu	eming utility patent (e.g., PTO/SB/1 a duplicate for fee p II entity status. [Total Page set forth below) nivention lated Applications. "ed sponsored R & listing appendix intion Drawings (if filed)	application contents. 7) processing) ps1	7. <b>[</b> 8. N (if a.	CD-ROM or CI Computer Prog Jucleotide and/or A applicable, all nec Computer Specifica i. CD	Commission P.O. Box 14 Alexandria D-R in duplic: gram (Append Amino Acid S cessary) r Readable F tion Sequend	ner for Pati 50 VA 22313- dix) equence Form (CRI ce Listing	tents -1450 e table d Submi F)		, рто 57	
2. [ 3. [ 4. [ 5. C a	<ul> <li>(Submit</li> <li>Applica</li> <li>Specific</li> <li>(preferre</li> <li>Descri</li> <li>Cross</li> <li>Staterr</li> <li>Refere</li> <li>or a co</li> <li>Backg</li> <li>Brief D</li> <li>Detaile</li> <li>Claim(</li> <li>Abstra</li> </ul>	an original and a nt claims small CFR 1.27. action d arrangement s buive title of the like rent Regarding F nce to sequence mputer program round of the Inve ummary of the In escription of the d Description s) ct of the Disclosu	a duplicate for fee p Il entity status. [Total Page set forth below) nvention lated Applications. ed sponsored R & a listing, a table, listing appendix ention nvention Drawings (if filed)	orocessing) os <u>51</u> ]	8. Ni <i>(if</i> a.	Computer Prog Joleotide and/or A applicable, all neo Computer Specifica i. CD	gram <i>(Append</i> Amino Acid S <i>cessary)</i> r Readable F tion Sequend	dix) Sequence Form (CRI ce Listing	Submi		. РТО 57	
5. C a		g(s) (35 U.S.C			9.	ACCOMPAN Assignment F	nts verifying i YING API Papers (cove	identity of PLICAT	f above	e copies PARTS	031356 U.S 10/7741	
) , 6. [	<ul> <li>Cath or Declaration [Total Sheets 14_]</li> <li>Oath or Declaration [Total Sheets]</li> <li>a. Newly executed (original or copy)</li> <li>b. Copy from a prior application (37 CFR 1.63(d))) (for continuation/divisional with Box 18 completed)</li> <li>i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> <li>Mapplication Data Sheet. See 37 CFR 1.76</li> </ul>				14. 🔽 15. 🗌 16. 🗌	(when there is an assignee)       Attomey         11.       English Translation Document (if applicable)         12.       Information Disclosure       Copies of IDS         13.       Preliminary Amendment       Citations         14.       Return Receipt Postcard (MPEP 503)       Citations         15.       Certified Copy of Priority Document(s)       (if foreign priority is claimed)         16.       Nonpublication Request under 35 U.S.C. 122       (b)(2)(B)(i). Applicant must attach form PTO/SB/35         07 its equivalent.       Other: Express Mail Certificate: Check       Check						
Spec Prior For ( 5b, is The i	Continu Continu or application in r CONTINUATI is considered e incorporation	owing the title, lation formation: DN OF DIVISION a part of the dis	or in an Applicat Divisional Examin NAL APPS only; T sclosure of the ac		der 37 CFR 1. ntinuation-in-par of the prior ap uation or divisio advertently omi	76: (CIP) of pr Art Ur Dilication, from white anal application an tted from the subm	ior application nit: ch an oath or d is hereby in	No.: declaratio	on is su ad by re	upplied unde		
	Custom	er Number:		27683		OR [	Corresp	ondence	addre	ess below	ĺ	
Nam		David M. O'De										
Addi	nress –	Haynes and Bo 001 Main Stree										
City	У	Dallas				x		Zip Co	/	5202		
		JSA	<u> </u>	<u></u>	Telephone	214-651-5000		Fax	21	14-200-0853	<u> </u>	
	me (Print/Typ	e) David M. (		101	Registr	ation No. (Attorne	y/Agent) 42	2,044			]	
	nature		rUh	1.53(b). The informa				Date	2-	-6-04		

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

R-66606.1

Cunder the Paperwork Reduction Act of 1995, no persons are require		espond	to a colle				s a valid OMB c	ontrol number
	Application Number							
		Filing Date						
<b>≙</b> for FY 2004					L ukas F	Lukas Eisermann		
Effective 10/01/2003. Patent fees are subject to annual revision.								
Applicant claims small entity status. See 37 CFR 1.27		Examiner Name					· · · · -	
TOTAL AMOUNT OF PAYMENT (\$) 1,090.00							100	
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)							
Check Credit card Money Order None			IONAL					
Deposit Account:	Fee	Fee		Fee	Fee (	Description		
Deposit Account 08-1394	Code	• •	Code I	•••		-		Fee Paid
Number	1051		2051		-	filing fee or o		<u> </u>
Account Name Haynes and Boone, LLP	1052	2 50	2052		r sheet	provisional fil	ing lee or	
The Director is authorized to: (check all that apply)	1053		1053		English spe			
Charge fee(s) indicated below Credit any overpayments		2,520		•			e reexamination	<u> </u>
Charge any additional fee(s) or any underpayment of fee(s)	1804	920*	1804		niner action	lication of SIR	prior to	
Charge fee(s) indicated below, except for the filing fee	1805	i 1,840*	1805 1			lication of SIR	t after	
to the above-identified deposit account.	1251	110	2251		miner action	n Poly within first	month	
FEE CALCULATION	1252		2252			ply within sec		
1. BASIC FILING FEE Large Entity Small Entity	1253		2253			eply within thin		
Fee Fee Fee Fee Fee Description Fee Paid		1,480	2254			ply within four		
Code (\$) Code (\$) 1001 770 2001 385 Utility filing fee	1255	5 2,010	2255			ply within fifth		
1007 770 2007 383 Otility ming ree 770.00	1401		2401		ce of Appea			
1003 530 2003 265 Plant filing fee	1402		2402			support of an	appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145 Req	uest for ora	l hearing		
<sup>1</sup> 1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510 Petit	tion to institu	ute a public us	se proceeding	
SUBTOTAL (1) (\$) 770.00	1452	110	2452	55 Petit	tion to revive	e - unavoidabl	le	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453	1,330	2453	665 Petit	tion to reviv	e - unintentior	nal	
Fee from		1,330	2501		-	(or reissue)		· · · ·
Extra Claims         below         Fee Paid           Total Claims         33         -20** = 13         x 18         = 234.00	1502		2502		ign issue fe	e		
Independent $4 - 3^{**} = 1 \times 86 = 86.00$	1503 1460		2503 1460		nt issue fee	Commissione	ar	
Multiple Dependent	1400		1400					
Large Entity   Small Entity	1806		1806		cessing fee under 37 CFR 1.17(q)			
Fee Fee Fee Fee <u>Fee Description</u> Code (\$) Code (\$)	8021		8021			patent assign		
1202 18 2202 9 Claims in excess of 20				prop	erty (times	number of pro	operties)	
1201 86 2201 43 Independent claims in excess of 3	1809	770	2809		g a submiss CFR 1.129(	sion after final a))	rejection	
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810			onal invention		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	1 770	2904		-	FR 1.129(b))		
1205 18 2205 9 ** Reissue claims in excess of 20	1802		2801 1802	900 Red	quest for ex	pedited exam	ination (RCE)	
and over original patent	Other	r fee (sp	ecify)	of a	design app	lication		
SUBTOTAL (2) (\$) 320.00				iling Fee Pa	aid e	UBTOTAL	(3) (\$) 0.00	
**or number previously paid, if greater; For Reissues, see above			-	-		- <u>-</u>		
SUBMITTED BY Name (Print/Type) David MO'DelLa	(Complete (if applicable)) Registration No. 42.044 Telephone 972.720.8625							
	L	(Attomev/	(Agent)	42,044		r	972-739-8635	
Signature						Date	2-6-04	

ñ

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. R-66603.1

Customer No. 27683 If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

## PATENT / DOCKET NO. <u>PC888.00 / 31132.123</u> Customer No. <u>27683</u>

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In reapplication of:	8	
Eisermann et al.	§	Group Art Unit: Unknown
	ş	
Serial No. Unknown	ş	
	ş	Examiner: Unknown
Filed: Herewith	Ş	-
	§	
For: ARTICULAR DISC PROSTHESIS FOR	ş	
ANTERIOR-OBLIQUE INSERTION	-	

## **EXPRESS MAIL CERTIFICATE**

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Express Mail Number: EV 333437097 US

Date of Deposit: February 6, 2004

I hereby certify that the following attached papers and fee:

- 1. Utility Patent Application Transmittal;
- 2. Fee Transmittal (in duplicate);
- 3. Application Data Sheet;
- 4. Patent Application consisting of 45 pages of specification, 33 claims and 1 page Abstract of Disclosure;
- 5. Fourteen (14) drawing sheets;
- 6. Executed Power of Attorney;
- 7. Check in the amount of \$1,090.00; and
- 8. Return Postcard

are being deposited with United States Postal Service "Express Mail Post Office to Addressee" to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Bonnie Boyle Typed or Printed Name Signature

R-66611.1